

3G LIGHTING

3G-1PLI-DI

1.5" LINEAR PENDANT
DIRECT/INDIRECT



Narrow 1.5" aperture with one piece extruded aluminum housing
Individual or continuous runs available in multiple run configurations
Direct/Indirect distribution with multiple lumen output options
LED system with performance up to 127 lumens per watt
Extruded acrylic lens with optimal performance and glare control
Widespread and Asymmetric optics available
1% dimming standard with several driver options

| | | | |
|------------------|--|--------------|-------------|
| PROJECT: | | TYPE: | |
| CATALOG#: | | DATE: | QTY: |

| CAT. NO | LUMEN OUTPUT (DIRECT) | LUMEN OUTPUT (INDIRECT) | CRI |
|-------------------|--|---|---|
| 3G-1PLI-DI | D250 - 250 LM/FT D500 - 500 LM/FT D750 - 750 LM/FT D1000 - 1000 LM/FT ¹ DC___ - CUSTOM OUTPUT (SPECIFY LM/FT) * <small>*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed D1000</small> | L250 - 250 LM/FT L500 - 500 LM/FT L750 - 750 LM/FT ² L1000 - 1000 LM/FT ² LC___ - CUSTOM OUTPUT (SPECIFY LM/FT) * <small>*Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed L1000</small> | S80 - 80+ CRI ³ H90 - 90+ CRI |

| COLOR TEMP | VOLTAGE | DRIVER | LENS OPTION (DIRECT) | LENS OPTION (INDIRECT) |
|--|---|--|---|---|
| 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K | UNV - 120/277V 347 - 347V ⁴ | DIM - 0-10V (100-1%) D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) ⁵ DHL2 - LUTRON HI-LUME (1% ECOSYSTEM) DMX - DMX (100-0%) | FL - FLUSH LENS DASY - ASYMMETRIC LENS | FL - FLUSH LENS WSO - WIDESPREAD OPTIC ASY - ASYMMETRIC LENS |

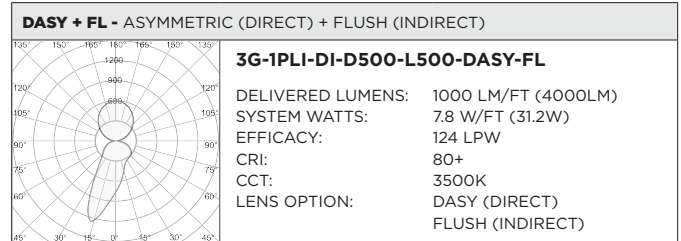
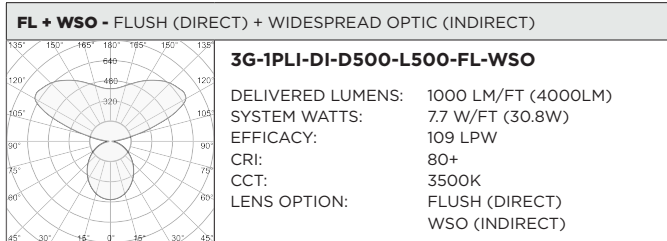
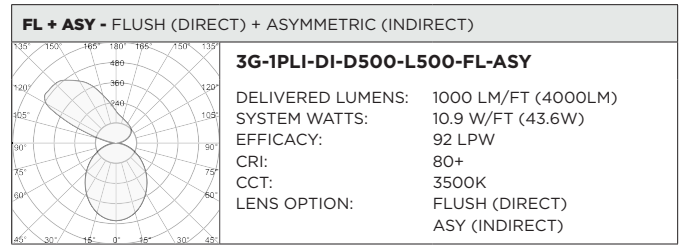
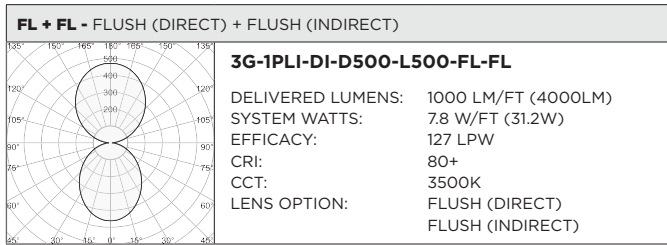
| FINISH | CABLE LENGTH | CIRCUITING | OPTIONS | RUN TYPE |
|--|--|---|---|---|
| WH - WHITE BK - BLACK SV - SILVER <small>All mounting canopies provided in white as standard</small> | 60" - 60" 120" - 120" | 1C - SINGLE CIRCUIT 2C - DUAL CIRCUIT (SEPARATE DIRECT & INDIRECT) | EMB - EMERGENCY BATTERY * (INTEGRAL) EMC - EMERGENCY CIRCUIT MC2 - MULTIPLE CIRCUITS (2 ZONES) MC3 - MULTIPLE CIRCUITS (3 ZONES) <small>*Minimum 4' section</small> | S - ___' (STRAIGHT) * L - ___'X ___' (L-SHAPE) U - ___'X ___'X ___' (U-SHAPE) R - ___'X ___' (RECTANGLE/SQUARE) T - ___'X ___' (T-SHAPE) X - ___'X ___' (X-SHAPE) CUS - ___ (CUSTOM LAYOUT - PROVIDE DRAWING) <small>*Individual units available from 4' to 8' Continuous runs available in 1" increments as standard</small> |

¹ D1000 and L1000 (1000LM/FT) not available with H90 (90+ CRI)
² L750 (750LM/FT) and L1000 (1000LM/FT) not available with ASY (indirect asymmetric option)
³ S80 (80+ CRI) not available with 27K and 40K
⁴ 347 available in "DIM" 0-10V only (100-1%)
⁵ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

BASED ON 4' LENGTH (80+ CRI AND 3500K SOURCE)

| LUMEN OUTPUT | DELIVERED LUMENS (LM/FT) | | | SYSTEM WATTS (W/FT) | | | EFFICACY (LPW) | | | |
|--------------------|--------------------------|--------|----------|---------------------|--------|----------|----------------|--------|----------|-------|
| | DIRECT + INDIRECT | DIRECT | INDIRECT | TOTAL | DIRECT | INDIRECT | TOTAL | DIRECT | INDIRECT | TOTAL |
| FLUSH + FLUSH | | 250 | 250 | 500 | 2.3 | 1.7 | 4.0 | 110 | 146 | 125 |
| | | 500 | 500 | 1000 | 4.5 | 3.3 | 7.8 | 111 | 148 | 127 |
| | | 750 | 750 | 1500 | 7.2 | 5.2 | 12.4 | 105 | 144 | 121 |
| | | 1000 | 1000 | 2000 | 9.9 | 7.2 | 17.1 | 101 | 137 | 116 |
| FLUSH + WSO | | 250 | 250 | 500 | 2.3 | 3.3 | 5.6 | 110 | 114 | 111 |
| | | 500 | 500 | 1000 | 4.5 | 6.4 | 10.9 | 111 | 107 | 109 |
| | | 750 | 750 | 1500 | 7.2 | 10.4 | 17.6 | 105 | 111 | 108 |
| | | 1000 | 1000 | 2000 | 9.9 | 10.4 | 20.3 | 101 | 108 | 104 |
| FLUSH + ASYMMETRIC | | 250 | 250 | 500 | 2.3 | 3.3 | 5.6 | 110 | 76 | 89 |
| | | 500 | 500 | 1000 | 4.5 | 6.4 | 10.9 | 111 | 78 | 92 |
| | | 750 | 500 | 1250 | 7.2 | 6.4 | 13.6 | 105 | 78 | 92 |
| | | 1000 | 500 | 1500 | 9.9 | 6.4 | 16.3 | 101 | 78 | 92 |
| ASYMMETRIC + FLUSH | | 250 | 250 | 500 | 2.3 | 1.7 | 4.0 | 106 | 146 | 123 |
| | | 500 | 500 | 1000 | 4.5 | 3.3 | 7.8 | 105 | 148 | 124 |
| | | 750 | 750 | 1500 | 7.2 | 5.2 | 12.4 | 102 | 144 | 119 |
| | | 1000 | 1000 | 2000 | 9.9 | 7.2 | 17.1 | 102 | 137 | 117 |

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01, 90CRI=0.88



HOUSING

Extruded aluminum housing with narrow 1.5" aperture
Die cast aluminum end caps add 1/4" to each end of luminaire
Individual units and continuous runs available in 1" increments as standard
24-gauge LED reflector with high reflectance white powder coated finish
Standard polyester powder coated matte white finish. Optional finishes available

OPTICS

Extruded, satin acrylic lens designed for optimal performance and glare control. Up to 8' continuous
High performance widespread and asymmetric optics available
Widespread Optic peak intensity at 120° with a minimum mounting distance of 18" from ceiling

LISTING

ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or damp locations

WARRANTY

5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

ELECTRICAL

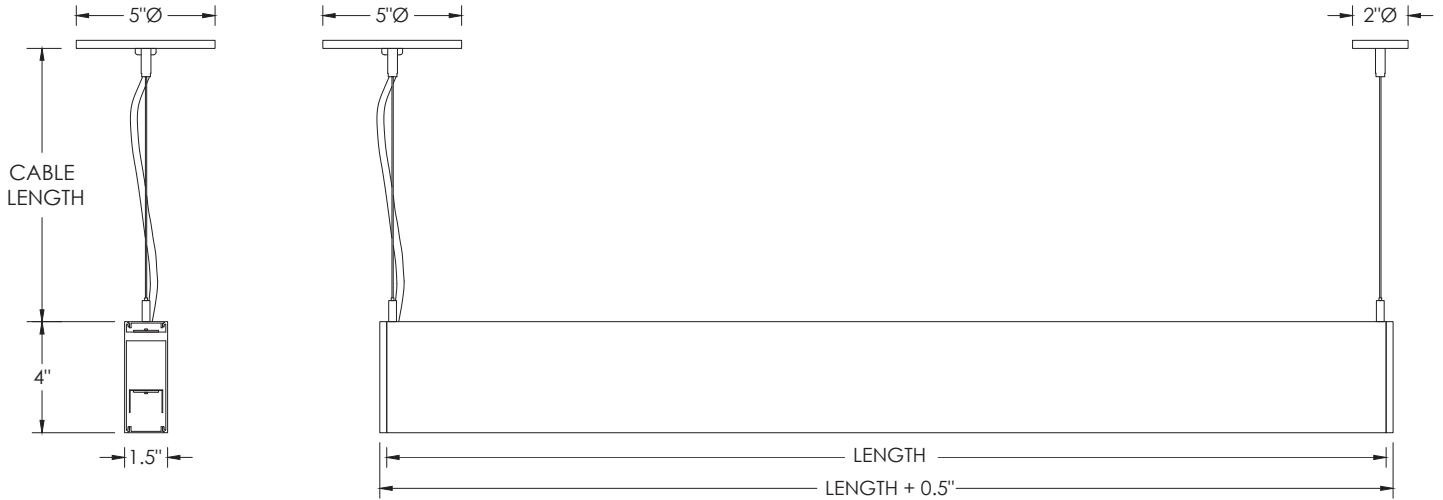
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
All drivers are integral and easily accessible through luminaire aperture
Minimum 4' and maximum 6' length for each integral emergency battery. 10W output for 90 minutes

LED SYSTEM

Proprietary LED system with color consistency <3 SDCM
Available in 27K, 30K, 35K, and 40K
Standard 80+CRI. Optional 90+CRI
R9 value of 56 for 90+CRI
L90 >60,000 hours
5 Year Warranty

MOUNTING

Toolless installation with 3G's proprietary mounting system
Internal, toolless joiner system (latch and hook) easily connects multiple sections together
LED reflectors remain within each fixture section during installation with 3G's click and lock spring system
Adjustable aircraft cable suspension with locking fasteners (60" length standard)
Standard, 18-gauge, 5 conductor single circuit power feed (clear braided finish)
All mounting canopies provided in white finish as standard
Suitable for various architectural ceilings (see mounting details)
Fixture weight: +/- 2.5 lb/ft



LENS OPTION

DIRECT LENS OPTION

INDIRECT LENS OPTION

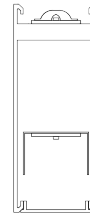
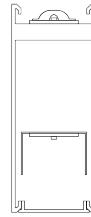
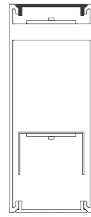
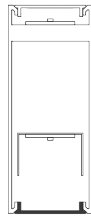
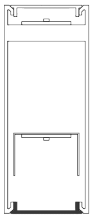
FL - FLUSH

DASY - ASYMMETRIC

FL - FLUSH

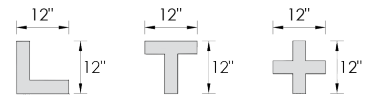
WSO - WIDESPREAD

ASY - ASYMMETRIC



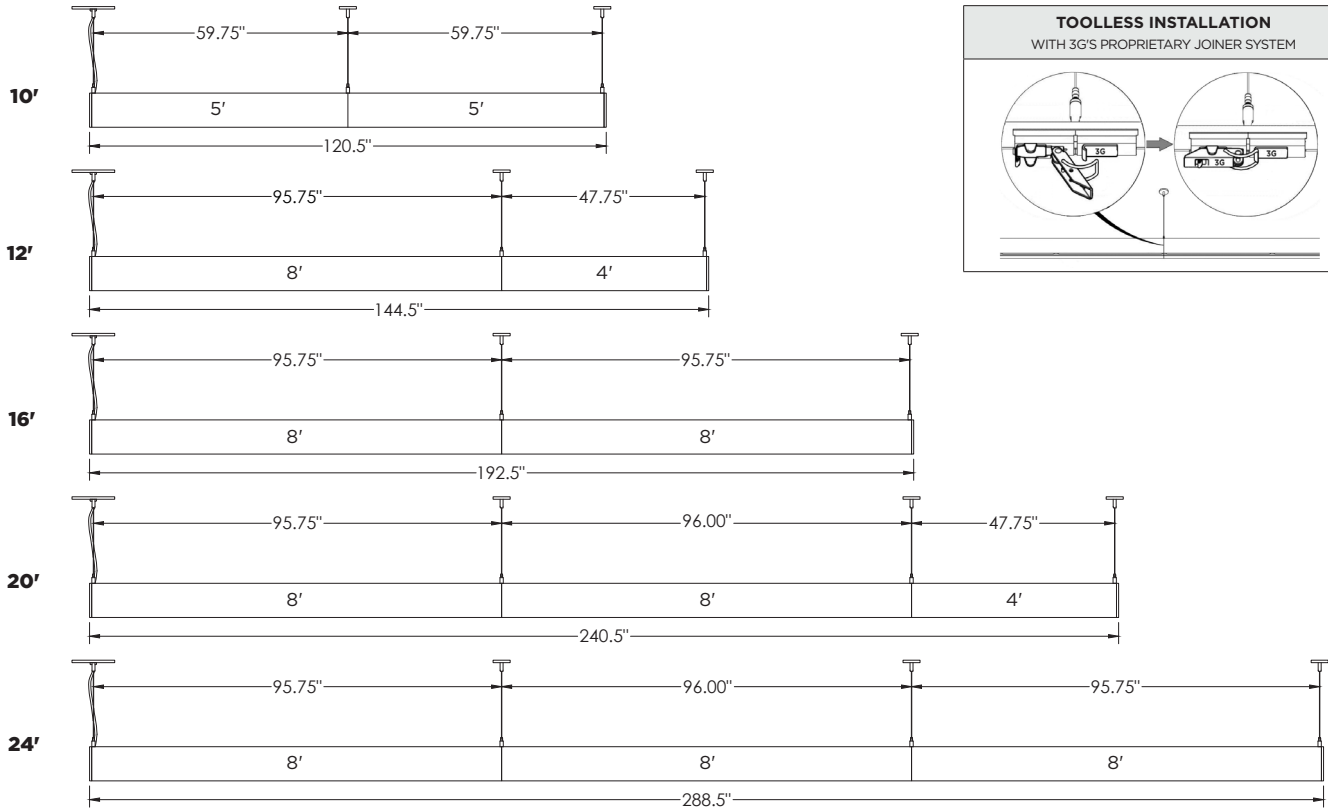
PATTERNS

Specify pattern shape and overall dimensions as shown below
 Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections
 Please consult factory for custom patterns and shapes not shown below



| L-SHAPE | U-SHAPE | RECTANGLE/SQUARE | T-SHAPE | X-SHAPE |
|--|--|---|---|--|
| Provide dimensions of AxB Example: L - 6'x8' | Provide dimensions of AxBxC Example: U - 8'x10'x6" | Provide dimensions of AxB Example: R - 10'x8' | Provide dimensions of AxB Example: T - 14'x6' | Provide dimensions of AxB Example: X - 14'x14' |
| | | | | |

TYPICAL SECTION MOUNTING



NOTE:
Run lengths and configurations not shown are available in 1" increments as standard

MOUNTING DETAILS

